

IX.6.2-SYSTEM-EDSUNT SUBROUTINE EDSUNT

Description

Subroutine EDSUNT determines the standard Metric units for the accumulated values in a given output variable.

The units are dependent on the output variable and the data type codes of the time series. For two time series the following rules apply (NVAR is the number of the output variable):

1. The units for both time series must be the same except for rule 3 below.
2. For NVAR = 5 or 6 both time series must be instantaneous.
3. For NVAR = 1, 2, 3, 4, 7 or 8 units can be CMS and CMSD in which case the units will be CMSD except for NVAR=4 for which the units will be TM3.
4. For NVAR = 7 or 8, if time series are not instantaneous and the time scales or time intervals are not equal then the variable KODE in the PESP array gets a negative sign to indicate that all values will be converted to mean daily values.

Calling Sequence

CALL EDSUNT (a,b,c,d,e)

Argument List

<u>Argument</u>	<u>Input/ Output</u>	<u>Type</u>	<u>Dimension</u>	<u>Description</u>
a	Both	R*4	var	Array PESP
b	Input	I*4	1	Starting location of output variable in a
c	Output	A4	1	Standard Metric units for this output variable
d	Input	R*4	*	Array containing the 4 character output variable types
e	Output	I*4	1	Error indicator: 0 = no error 1 = error occurred